Turbine Topics

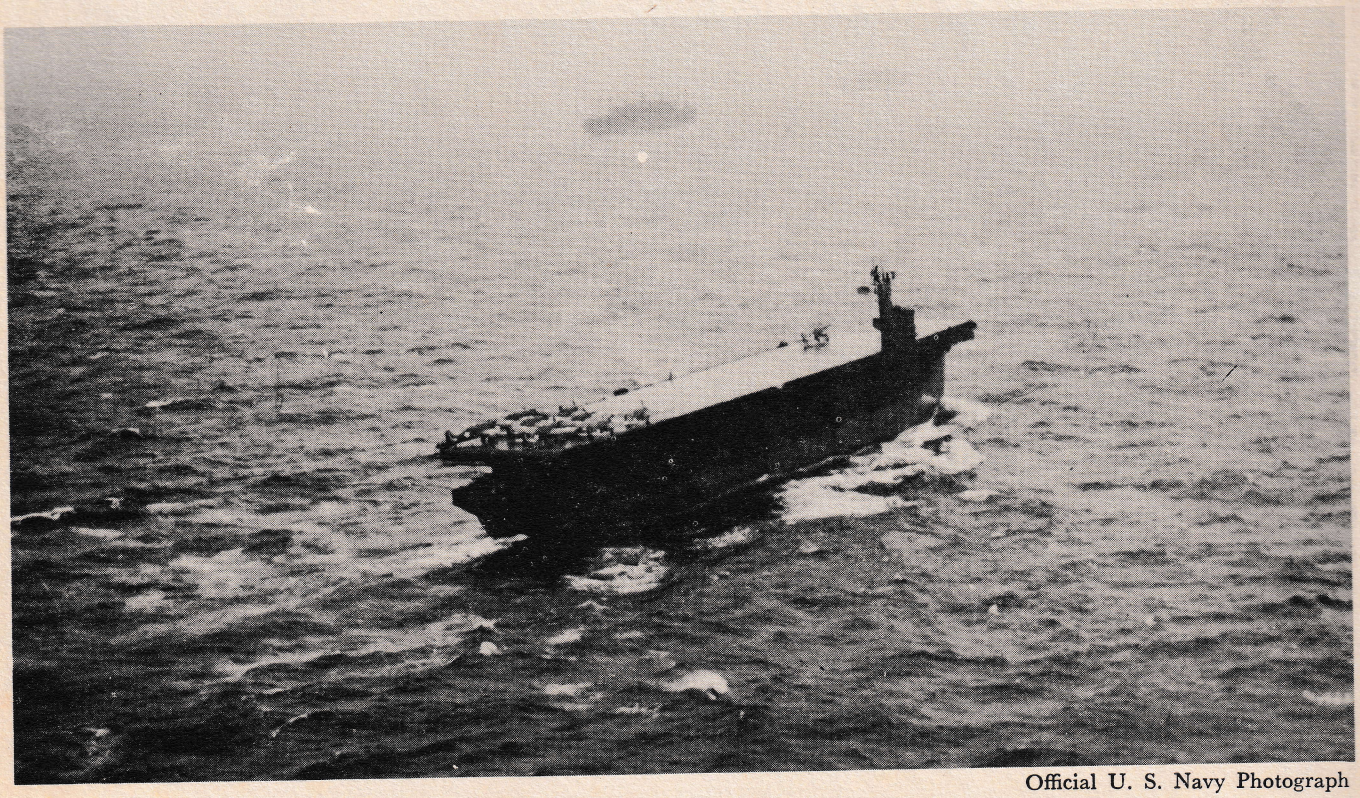
Vol. 1 No. 6 Issued For and By the Employees of S. Morgan Smith Co. Sept. 1943

Official U. S. Navy Photograph

U. S. Carrier in Action
Battle of Santa Cruz
October 26, 1942

Official U. S. Navy Photograph

JAPANESE BOMBER scores a direct hit on the "U.S.S. Yorktown."



Official U. S. Navy Photograph

ESCORT CARRIER "A" used to defeat the Japs at Attu. "A recent combat report from the Aleutians speaks of the excellent performance of the type of catapult you are building for the Navy," from Rear Admiral McCain's telegram to our company of August 2, 1943.

THE CATAPULT

By Comm. J. A. Haley, *U. S. Navy*

Ship Installations Division, Bureau of Aeronautics

The first catapult officially employed for war purposes is reputed to have been brought out by Dionysius, a King of Syracuse, in the year 399 B.C. During the ensuing years and up to the advent of gunpowder, the development of the catapult was based upon the idea of building a "bigger and better" machine than one's potential enemies. The most powerful weapon of this class could propel a 300-pound missile about a quarter of a mile. History also records, somewhat inexplicably, the heroic sacrifice of the women of Carthage in donating their tresses in a vain attempt to build catapults. Fortunately, our present-day catapults do not place any such demand upon the fair sex, and the War Production Board is not concerned with this particular production and procurement problem.

Catapults, as a war implement, declined rapidly in use after the introduction of gunpowder until the appearance of the airplane. The early Wright airplane was launched by being pulled along a track by a cable which was attached to a weight in a tower. The idea of catapulting airplanes from ships occurred to Capt. W. I. Chambers, U.S.N., and the first successful launching was made at the Washington Navy Yard on November 12, 1912, by Lt. Ellyson, U.S.N. Catapult design and development have progressed steadily up to the present day in keeping with airplane development.

There are several types of catapults now in general service. The mechanical system is similar, consisting chiefly of two blocks, each containing sheaves around which a rope is wound with the free end led off and attached to a car. The blocks are separated by means of a cylinder and ram which produces motion of the car at a rate dependent upon the number of sheaves used and the speed of the ram. Catapults are installed on some of our cruisers and are usable provided air compressors and storage tanks are part of the ship's equipment. Powder catapults are used on battleships and cruisers where high pressure air is not available.

The advantages derived from catapults aboard battleships and cruisers are numerous. The ship does not have to stop and hoist out airplanes, thereby presenting a good target for submarines. Airplanes can be catapulted under sea and wind conditions that would prohibit normal water take-off. Catapulting can be performed at anchor or in restricted areas where it would be dangerous to attempt a water take-off.

The catapults installed on carriers also permit more variation in the way airplanes are parked on board. Of course it is obvious that if complete reliance is placed on the catapult for launching airplanes, more airplanes could be carried. The catapult is considered to be extremely important in the event damage is sustained on the flight deck, since it would provide an additional means for getting the airplanes off the ship and into action.

To attempt to explain what sensations are experienced during catapulting is most difficult. The airplane starts from rest and in a run of 55 to 60 feet it is travelling at 70 m.p.h. The time is a fraction over one second. The human body experiences no ill effects, and there is no tendency to "black out"; however, the neck muscles cannot prevent the head from snapping back, and a head rest must be used. A recognized authority on catapults once commented on the sensation as follows: "The reader may answer this for himself by sitting in a parked automobile with the engine racing at full speed, the clutch out, and the shift lever in low gear. Then suddenly remove the foot from the clutch and pray. The resulting material damage will probably be considerable, but the question of the catapulting sensation will be answered."

The importance of the catapult is growing day by day, and as super airplanes with great load carrying capacity are developed, the size of airports must be increased or some form of catapult or assisted take-off device be provided. If, after the war, super flying boats are built for transoceanic service, the catapult will again prove to be an invaluable asset. The excess power required to overcome water friction during water take-off can be employed usefully in carrying additional passengers or pay load. It is also to be noted that the danger of wrecking a flying boat or injuring passengers due to striking submerged objects, buoys, boats, etc., is practically eliminated by the use of a catapult.

It has been definitely established that catapults have assumed an important place in military applications, and it appears safe to predict that the machines and technique developed by the Navy will find a logical place in the coming growth of commercial aviation.

Fortieth Anniversary of Beneficial Association

By Charles Farscht, *Recording Secretary*

It is fitting that in this, the fortieth year of its existence, the S. Morgan Smith Co. Employees' Beneficial Association should set forth the details of its history in the pages of "Turbine Topics."

At the organization meeting held in the parlors of the Hotel Victoria, West and Company Sts., on Saturday evening, January 31, 1903, the following officers were nominated and elected: president, J. Emory Hersh; vice-president, Frank Bathurst; secretary, Charles A. Owen; financial secretary, James S. T. Strayer; treasurer, Henry Moul; trustee one year, Charles Kuhlman; trustee two years, John Berkheimer; and trustee three years, John Rauch, Sr.

A by-law committee, consisting of John Berkheimer, chairman, William Slusser and George Schlaanstine, was appointed at that meeting.

It is interesting to note that C. Elmer Smith was elected treasurer of the association on March 13, 1903, and served in this capacity until July 1, 1912, when he presented his resignation because of the press of company business.

Resolutions of Respect were adopted at the April 7, 1903, meeting in honor of the passing of the president and founder of the company, S. Morgan Smith.

Another item appearing in the early minutes reads: "Mr. Rauch consented to deliver an oration on reminiscences of Civil War Life."

A vote of thanks was extended by the association in 1907 to the S. Morgan Smith Co. for the use of the meeting room, and C. Elmer Smith responded very graciously with a note, in his own handwriting, as follows: "The association are welcome to anything that this company can do for them. We appreciate the good work they are doing and trust that 1908 will still increase the membership and good feeling."

During the forty years of its existence a total of $99,466.09 has been received into the treasury. Of this amount $38,230.04 has been paid out for sick benefits and $25,711.35 for death claims. In 1918 the association paid its highest amount for death claims, $1,798.44, due probably to World War I and the great influenza epidemic, and in 1921 the sick claims were highest when $1,902.00 was paid.

The cash balance as of December 31, 1942, was reported as $2,677.91, and in addition $18,030 had been invested in sound securities. From this it can be seen that the association is in good financial standing.

The association can feel justly proud of the progress made through the years, especially when it is considered that its assets were built up, except for a gift from the S. Morgan Smith Co. of $500 in 1906, entirely from dues, initiation fees and interest on investments.

The present membership is 230. Some of these members are no longer employed by the company. One of the features of this organization, which has helped to carry it along through the years, is the fact that a member can retain his membership even though he should change his occupation.

The association pays $5 a week sick benefits for 15 consecutive weeks and $2 a week thereafter. At death $200 is paid to the widow or heirs. All this is offered for a small initiation fee and weekly dues of 14c.

This report is being publicized in the hope that it may be of interest to new employees. The organization has definite advantages to offer the employees of the S. Morgan Smith Co. and it urges them to consider application for membership in it. If anyone is interested it is suggested that he contact James Tarbert in the Tool Room, or James Strayer in the Traffic Dept.

Present Officers of the Organization—front row: Earl Wolf, foreman Dept. A, president; Jim Strayer, Traffic Manager, financial secretary; C. C. Frey, treasurer of the company, trustee; Charles Farscht, Purchasing Agent, treasurer and recording secretary; back row: James Tarbert, Tool Room, vice-president; Russell Little, Asst. Traffic Manager, trustee; and Reuben Reisinger, foreman Pattern Shop, trustee. Jim Strayer was elected financial secretary at the first meeting and has served faithfully in this position ever since.

UP and DOWN the AISLE

The engagement of Eloise Rhodes Clay, daughter of Mr. and Mrs. William N. Clay, 1422 W. Market Street, to Thaddeus "Ted" Zowski, Design Dept., has been announced.

Eloise is the office secretary of Capital Hospital Service, the local Blue Cross plan. She was a member of the 1940 graduating class of the William Penn Senior high school and attended Thompson Business college.

Ted was born in Ann Arbor, Mich., and lived for many years in Warsaw, Poland, where he graduated from the Polytechnic Institute of Warsaw with a B. S. degree. Later he attended the University of Michigan where he received his M. S. degree. He has been a design engineer here for the last two years.

His father, the late Prof. Stanislaw Jan Zowski, was on the staffs of the University of Michigan and the Polytechnic Institute of Warsaw.

Prof. Zowski was a pioneer in the design of high speed Francis turbine runners and supplied the original designs for our type Z and S runners. D. J. McCormack, our Sales Manager, and George A. Jessop, our Chief Engineer, studied hydraulics under Prof. Zowski at Michigan.

No date has been set for the wedding.

* * *

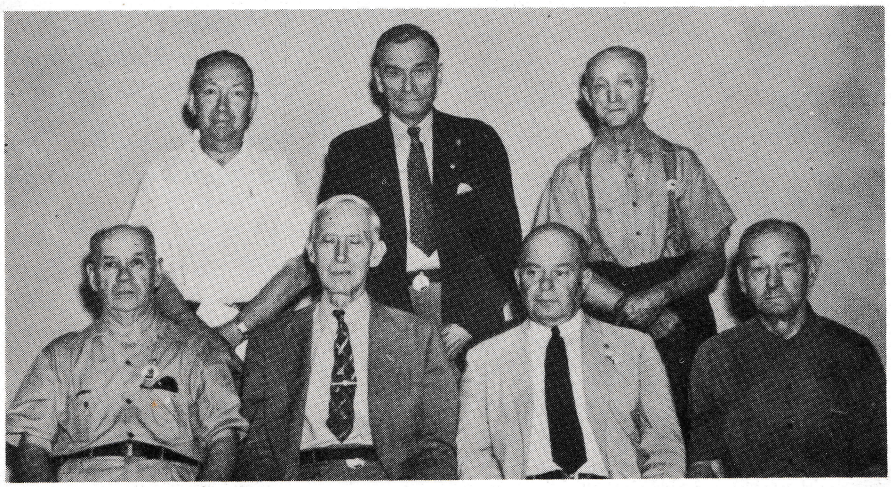
On August 13 Kenny Crumbling, an apprentice in the Plate Shop, spent his vacation in the Columbia hospital having his tonsils removed. Poor Kenny, his throat got mighty sore, and caused him many days of discomfort. While coming out of ether, he kept calling for "Elizabeth." Now if there are any girls in the plant by that name, Mrs. Crumbling and the rest of the Plate Shop would like to meet her. . . . Poor Kenny.

* * *

A great labor-saving device was put into use recently in the Navy Assembly Dept. There is a considerable amount of testing of high pressure vessels required on a certain job and up until the present time the hydraulic pumps were operated by hand, and it was a back-breaking job to obtain pressures of 5,000 pounds per square inch.

Kurvin Strayer, General Machine Shop Foreman, and Roy Craft, Navy Dept. Foreman, decided to better this condition. They investigated the equipment on the gallery and found an old hydraulic cylinder and a control valve from one of the rotovalves and a limit switch. These parts and their ideas resulted in one hydraulic pump operated at approximately 175 pounds P. S. I., which in turn operates another hydraulic pump to obtain the required 5,000 pounds P. S. I. This pressure is obtained in approximately one-half the time that was required to operate the pump manually.

Ed Rogers, Asst. General Machine Shop Foreman, assisted in getting the parts together and in the final assembly and operation.



Of the Charter Members, the men pictured above are still members of the organization—front row: Albert Andrews, George Schlaanstine, Production Office; George A. Jessop, Chief Engineer; Fred Kuhlman, Dept. A; back row: Albert Adreon, Design Dept.; Jim Strayer, Traffic Manager; and Henry Reisinger, Floor 1. The charter was closed at the meeting held on June 26, 1903.

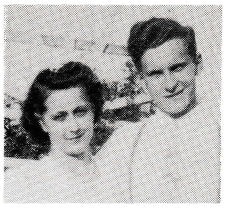
EDITORIAL STAFF

Editors—Raymond A. Dietz, Elmer E. Aughenbaugh, E. Everett Pierce, Jr., Grant H. Voaden

Reporters—Paul M. Smith, George G. Phillips, Lynn Sterner, William Myers, John Godfrey, Philip Wecker, John Beigh, Robert Wolf, George Myers, Joe Warner, James Decker, Walter Allison, Gene Shindel, William Kling, Theodore Hake, Charlotte Kephart, Woodrow Smith, Robert Rudacille, Walter Rohrbaugh, Arline Fitzkee, Ruth Jamison

It seemed to the boys of Dept. B on the fine Monday morning of August 23 that Marion Long, Dept. B inspector, was somewhat deflated. The reason for this deflation was that Marion always brags about how good a fisherman he is. The Sunday before Marion and his son had gone fishing. Marion came home empty-handed, while his son carried an 11″ bass. Marion's excuse is that the bass was blind, that's why his boy caught it. What do you think?

* * *



August 12 was a red letter day for Jean Demmitt. That's when she became Mrs. Russell K. Hamberger. The double ring ceremony was performed by the Rev. Harry F. Babcock, at 1:45 that afternoon in the First Methodist church.

Jean was attired in a white taffeta gown made with short puffed sleeves, a sweetheart neckline and a full skirt composed of nine ruffles. Her headdress was a halo of small white velvet bows. A string of pearls was her only jewelry. She carried a nosegay of white roses with a lavender orchid center tied with white satin ribbon and love knots.

Her only attendant was her sister, Mrs. Robert Geist. The bridegroom had for his best man Robert T. Geist, brother-in-law of the bride.

A reception was held at the home of the bride's parents. The table decorations were carried out in a color scheme of pink and white, and a wedding cake was the centerpiece.

After the reception Mr. and Mrs. Hamberger left for Atlantic City. For traveling Jean wore a brown linen suit with white accessories and a corsage of orchids. When they returned, they entered their newly furnished apartment at 261 W. Cottage place.

Russell is the son of Mr. and Mrs. Charles H. Hamberger, Spry, and is employed at the Read Machinery company. Jean has been employed by our company for two years and has been working in the Purchasing Office as a stenographer. Best wishes and congratulations to both of you.

* * *

The men on Assembly Floor 3 and 4 were glad to have their foreman, Sam Stump, back with them again. Sam had a bad siege of illness. Good health in the future, Sam.

* * *

The Contract Service Dept. welcomes Bob Luzier, who recently began working there as a clerk.

* * *

One of the S. M. S. servicemen has returned to the shop! Clair Cunningham, who worked in the Plate Shop, was inducted into the Army on December 4, 1942. Because of an eye injury, Clair spent most of the eight months of his Army life in hospitals. When he received a medical discharge, Clair returned to work here.

Just a few weeks ago while he was still in the hospital, his wife gave birth to a brown-haired, blue-eyed son, who weighed seven pounds and three ounces. The baby was thirteen days old before a pretty anxious papa saw him. Congratulations, Mr. and Mrs. Cunningham—and welcome back, Clair.

* * *

Marietta M. Rohrbaugh, daughter of Mr. and Mrs. Henry Rohrbaugh, Glen Rock, announced her engagement to Charles Hamme, apprentice machinist with our company. No date has been set for the wedding. Marietta is a graduate of the Glen Rock high school and now is contralto soloist at Zion Lutheran Church, York. She studied voice under Richard Collins, Shrewsbury, and Mrs. Pauline Lehn Small, York. Charlie graduated from the Codorus Township high school and has been here for two years. (At press time Charlie had just been inducted into the Marines.)

* * *

Flash in the Pan—It has been reported that Blanche Armold, of the Shop Office, is to be married in the near future. This report seems to be substantiated by the fact that she was noticed sneaking another recently purchased cooking utensil into the shop one noon. She can't be buying these utensils for her grandmother!

* * *

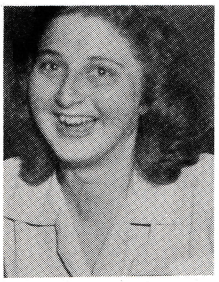
John Frey, Navy Dept., had his blood test several weeks ago and is at present trying to enlist in the Navy Seabees. John reported to Harrisburg for his physical exam. on August 26, but he was rejected because of some physical defect, and told to report in sixty days for another examination.

* * *

Anyone want a boat built for them? Pictured below is the handiwork of Lloyd Wilt, Weld Shop, and

some of his colleagues, Malbon Steed, painter, and Paul Stumpf, Weld Shop Time Study. Lloyd is on the right and Malbon is sitting in the middle of the boat. Paul snapped the picture.

The boat is now anchored on the Little Conewago at the Old Mill, but when gasoline is more plentiful it will be used for larger fishing expeditions—perhaps on the Susquehanna River.



Emma C. Miller, former clerk in the Plate Shop, Floor 1 and Dept. C, but not at the same time! Emma began working here on June 1 as an extra clerk over the summer months. Even though she was here only about three months, she made a host of friends who miss her very much.

After spending a week's vacation at Ocean City, Emma returned to Lebanon Valley College to finish her musical education. She is studying voice, piano and violin. Although she is only 19, Emma will be entering her fourth year of college. We all hope you'll come back to visit us sometime, E. C.

* * *

Since Ken Frey is on night work the fellows of Dept. B seem to think they are working in the wrong shop. Not that Ken is so noisy, but just because he never lets anyone rest. We sure pity the night gang.

* * *

The Pattern Shop has adopted a method to signal out the three Pattern Shop employees in the service. A service flag has been placed over each one's bench, and Charlie Spence, Design Dept., printed each man's name on the white field below the star on his flag.

Pfc. Robert L. Sprenkle was the first boy from the Pattern Shop to be inducted. Bob is now stationed at a hospital in Camp Ellis, Ill. He is helping to teach classes of boys who have just finished their basic training, while he himself is being trained for overseas duty.

Pfc. John Bollinger was the second one to leave from the Pattern Shop. He paid his fellow workers over there a visit last month during his six-day furlough. John gave them an outline of his duties in the anti-aircraft artillery. He is on an optical observation crew. Their job is to determine the height of enemy planes and report it to the battery so they can do their part of eliminating the enemy aircraft.

Jean Young, CM 3/c, the third one to leave, was just inducted in July. He is now receiving his basic training with the Seabees in Camp Peary, Williamsburg, Va.

* * *

In every shop there are a few mild cases of "prevaricatoritis," but it seems as if Dept. B has the greatest case of all times. Hemlock-baptised Harry Boyer said when he went to dig out his potatoes the ground was so hard that as soon as the plow opened up a furrow the potatoes started to expand. Some were as big as pumpkins. He even beats me! (Meaning George Myers, Dept. B reporter.)

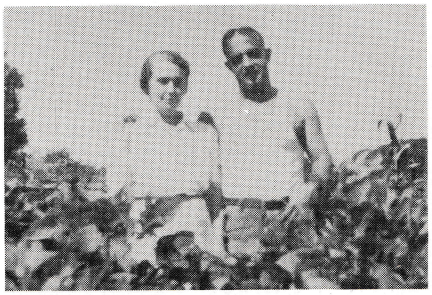
* * *

Fifteen years ago, on August 31, 1928, Ervin "Pete" Sterner, Plate Shop, celebrated the greatest event of his life—marriage. Today Pete says that after all these years of marriage without having any children—that is the life. Best of luck to you, Pete, and thanks for the smokes for the men, and candy for the girls.

* * *

Harry Heilman, asst. foreman Floor 1, and the results of his vacation week of fishing at Clearwater

Lake, Del. Like all good fishermen, Harry returned with a wallopin' good fish story about "the one that got away," you know, the big one. It seems that while Harry was bass-fishing, a huge bass opened his huge mouth and swallowed the bait, a rubber toad. But as soon as it smelled Harry's cigar, it turned tail and started for home. Then the catastrophe occurred. The line got caught under the bank. Harry finally gave up trying to untangle it, and left without his rubber toad. Meanwhile the fish got the line wound around its mouth and was drowned. A few days later the fishing party found the bass, but it had more than one foot in fish heaven, and was no longer edible. But Harry did retrieve his rubber toad. Now the amazing thing about this fish story is that it's true. You can always believe a fisherman's wife.



The "soybean experts," Mr. and Mrs. Millard Wherley, in their soybean patch at Deer Creek Park Farm. Millard works in the Weld Shop.

* * *

"Everybody had a good time" was the enthusiastic report of the 55 members, guests and friends who attended the banquet of the S.M.S. Turbine Summer Bowling league Thursday night, August 26, at Bierman's restaurant. George Bell, Dept. C, walked off with most of the honors for the season—high average, high single and high triple. Millard Deardorff, B, was the runner-up.

Door prizes were won by Chris Bell, Plate Shop clerk; Hilda Miller, Navy Assembly; Dick Trimmer, Plate Shop; and Clair Boeckel, expediter. Hilda Miller and Charles Firestone, Purchasing Dept., were

awarded prizes for racking up the highest women's and the highest men's scores, respectively—on a pin-ball machine. (They must have the "pin-baller's nudge" down pat.)

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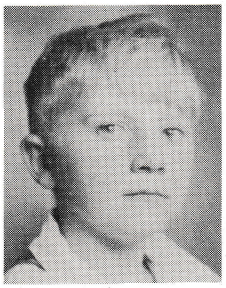


Ralph "Whitey" Schrum, mascot of the Receiving and Inspection Department. "Whitey" will be missed by the boys when he returns to school. He can be seen at the various gates of the shop any time from 7 A. M. to 6 P. M., anxious to do the boys a favor. "Whitey" is the son of Paul Schrum, who works in the Maintenance Dept.

* * *

On Saturday, August 14, a number of the office employees and their families spent the late afternoon and evening at the home of Mr. and Mrs. Harry Shive, Memory Lane, R. D. 7, York. Ping pong, badminton and other games were enjoyed and a picnic lunch was served. Those attending were Jack Fisch and family, Earl Hilker and family, T. K. Breda and family, Jack Oerter and family, Harold Seitz and family, Charles Farscht and family, Charles Firestone and family, the hosts, Harry Shive and family, Mr. and Mrs. Robert Luzier, Mr. and Mrs. Red Kauffman, Mr. and Mrs. W. W. Smith, Mr. and Mrs. Fred Meisenhelter, Mr. and Mrs. Harry Hartman, Charles Spence, Robert Rudacille, Arlene Fitzkee, Phyllis Mundis, Phyllis Hoke, Mary Jane Myers, Betty Weimer, Anna Wolf, Gladys Sauerwald, Elsie Elicker and Helen McBride.

The office gang who spent such an enjoyable time at the Shive home never suspected that this lovely place had been a source of many a headache for Harry. But evidently he has had his troubles if we can believe what he has written below:

Take heed, my friend, here's good advice:
If afraid of falling, keep off the ice,
If the spine is weak and muscles soft,
Just leave the hoe up in the loft.

Six years ago, the last of May
Three acres I bought and built to stay;
Thought I, this sure is just the place
To meet Mother Nature face to face,
A brook to the north, a garden south,
The city west . . . to the east a hen house.

In early spring, my garden I started.
Frost got the first crop before it departed.
Said I to myself, this can't happen to me,
And then found a rabbit had killed my fruit tree.

The chicks I had laid quite early in life (Really, Harry?)
But not fresh eggs like you buy for the wife,
Instead the kerosene stove smoked too much one night.
Dead chickens next morning sure were a sight.
This covers just small things that happened to me.
Why even Jap beetles stripped my Chinese tree.

Many times I've been quite discouraged, it's true,
And had many a thought of saying "I'm through,"
But each morning the little brook seemed to say,
"Well, old boy, I do hope you'll stay,
You've worked quite hard, and had your fall,
But isn't that just life after all?"

"Haps" Shive,
Design Dept.

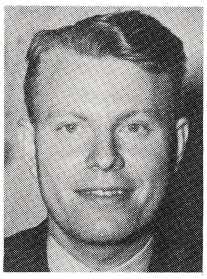
* * *

We in the Weld Shop sure were glad to see our good old friend, Pvt. Robert Kressler, when he was home on a furlough.

Bob's visit in York was shortened by a telegram, from his commanding officer, advising him to report back to Camp Edwards as soon as possible. Bob sure was tickled with this great news, because it was an O.K. on the good marks he had received on his test for college. Now he is studying engineering at the University of New Hampshire. The way things look, we may be receiving mail from Harvard university soon.

Robert has now achieved one of his goals, and we all wish him plenty of good luck. He sure is one swell boy. Best Regards. All the shop joins the Weld Shop gang in wishing Bob luck.

* * *



Another wearer of the S. Morgan Smith Service Emblem has gone to war. Woodrow W. Smith, who started working here in 1929, and would be eligible next year for a 15-year badge, has said "I do" to the United States Navy. He will start his boot training after a seven-day furlough.

Woody was well along on the road to success before Uncle Sam interrupted his career. He started work as a mail clerk and after several years was put in charge of the Main Filing Vault. From there he moved upstairs to the Engineering Dept., and was working in the Hydraulic Testing Laboratory at the time of his induction.

The boys in the Design, Engineering and Laboratory departments presented Woody with a money belt and a toilet kit as a token of their friendship and good wishes.

ANCHORS AWEIGH! SMITTY, AND SMOOTH SAILING.

When Pvt. Ray Myers visited us on August 13 and 14, he didn't even drop a hint, but on Saturday, August 14, at 6 P. M. he and Bessie Mae Elicker, York, were married in the Salem Union Church, near Dover. The ceremony was performed by the pastor, the Rev. R. W. Limbert.

Ray's sister, Mrs. Harold Smith, Dover, was the bridesmaid, and Pvt. Taulden Mitzel from Camp Hood was the best man. After the ceremony a reception was held at Ray's home. On Sunday Mr. and Mrs. Harvey Schrum served a wedding dinner in honor of the newlyweds. All of us send our congratulations to Pvt. and Mrs. Raymond E. Myers.

* * *

Anxious mother — Come quick, doctor, Baby's swallowed a fountain pen!

Doctor—I'll be right over.

Mother—But what'll I do until you get here?

Doctor—Guess you'll have to use a pencil.

VACATION NEWS

John C. Kunkel, assembler in Dept. B, spent his vacation with his family at Ocean City.

Dept. B was glad to have their inspector, Marion Long, with them once more after a week's vacation which was spent at a bungalow at Downes Dam.

August 22 Donald Garber, Electrical Dept., left for the wide-open spaces . . . a hunter and fisherman's paradise—Perry county. The fish are so large there you have to use sash cord to pull them in. Don returned August 29.

Bruce Wilhide, B, and his family spent a pleasant week fishing. Bruce said for once the fish really bit on his hooks.

Elizabeth Constantine, Dept. B Time Study, enjoyed a week's vacation. Two days she spent at home and the remainder of the week she was in New Windsor, Md. When asked what she did, she explained by saying, "I helped put away the sorghum."

Howe Lagarde is with B department once more after a four and one-half days' vacation. He spent two days in Boston and two days in New York City.

Red Runk, crane operator in Dept. B, spent his vacation week with his family in Harrisburg. Red said it sure is hard to come back to work after a vacation.

Dorcas Jacobs, clerk in Floor 3 & 4, had a most pleasant vacation in Atlantic City??? The "boys" were all glad to have her back with them, but we all question the Atlantic City part of the vacation despite the evidence she produced—William's Salt Water Taffy.

Arthur Palmer, Navy Dept., has returned to work after a week's vacation in Atlantic City.

Morgan Billet, Navy Dept., spent a few days at Atlantic City and a few days camping in Potter county.

Lester Kern, Navy Dept., spent a week in Atlantic City and a week recuperating at home before returning to work.

Gene Shindel, Navy inspector, spent a week of leisure at home and has returned to work.

Charlotte Kephart, Ruth Kern and Mary Feiser, all of the Cost Dept., spent their vacations along the seashore. Charlotte was in Ocean City; Ruth, in Atlantic City; and Mary, at Rehobeth beach.

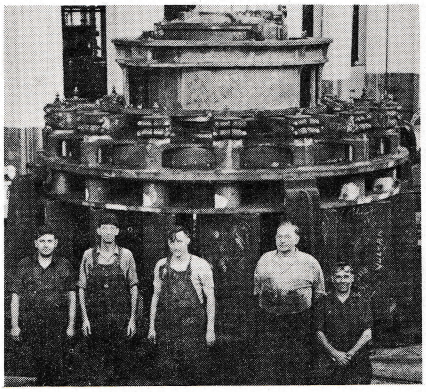
Everett Pierce, Personnel Dept., enjoyed the first week of his vacation August 22-29 at Ocean City. He returned to work the following week, and then on September 4 rejoined his family at the shore to spend a second week "getting away from it all."

Chris Bell, clerk in the Plate Shop, returned to her desk after spending three weeks of August vacationing. Chris reports that her vacation was as good a chance as any to get caught up with her canning.

Margaret Krell, of the Navy Store Room, has returned to work after a week's vacation.

Paul Miller, Pattern Shop, and his wife vacationed at Atlantic City.

Here're two people who have the best reason in the world for wanting the war to end quickly. Charlie Raifsnider, ARM 3/c, and Beatrice Castle, from Memphis, Tenn., are engaged, and the wedding date—"after the war's over." Beatrice is a riveter at the Fisher Aircraft Company in Memphis and helps to make B-25's. Charlie, a radioman, radio operator and tail-gunner, was stationed in Fort Lauderdale, Fla., but expected to be moved to another camp after he returned from his furlough last month. When Charlie worked here at Smith's, he was mail boy, a clerk in the Cost Dept., and finally, before he was inducted, clerk in the Plate Shop.



Raymond Miller, John Witmer, chipper, Albert Gallatin, Albert Nord, and William Glatfelter, chipper. The three assemblers pictured above had the privilege of building the first wheel casing done on the new assembly floor. It was for the Ljosafoss Power plant, Iceland.

HONOR ROLL

For Employees of S. Morgan Smith Co.

Who Have Joined

THE ARMED FORCES

R. ADREON
C. ANSTINE
J. AVIS
W. BAILEY
W. BAIR
E. BAKER
M. BIEVENOUR
S. CRONE
G. DRESCHER
C. HOKE
R. KETTERMAN
H. LEIBENKNECHT
C. MEISENHELTER
R. MEISENHELDER
C. MOWERY
W. MUSSER
I. McHENRY
C. RAIFSNIDER
K. REEVER
H. STRAYER
J. STROBECK
G. WECKER
C. WILT, JR.
C. CUNNINGHAM
F. KINLEY
R. McWILLIAMS
G. WINAND
E. CUSTER
G. KOHLER
L. LIGHTNER
J. McHENRY
R. MYERS
W. SENFT
J. SHAFFER
J. DELLINGER
A. WELTY
J. ROWE
R. SPRENKLE
W. TEST
H. ELICKER
W. BENNINGTON
K. HEINDEL
J. McSHERRY
D. REID
N. VanHORN
L. FISHEL
R. SPONSLER
J. BOECKEL
J. BOLLINGER
A. BORING
M. GLADFELTER
R. RAUCH
C. RUDACILLE
R. KRESSLER
D. SNYDER
P. SMITH
G. EARLY
E. KRAUS
S. RAUHAUSER
J. YOUNG
H. HESS
E. GEIST
C. REISINGER
R. GROSS
R. HESS
C. MILLER
W. SMITH
C. HAMME

KEEP IN CONTACT—WRITE TO THEM OFTEN

SEE PERSONNEL OFFICE FOR ADDRESSES

★ ★ ★

Men Still Employed by

The S. Morgan Smith Company

Who Were in the Service of United States

DURING WORLD WAR 1

Name	*Branch*	*Present Department*
Raymond G. Aldinger	Navy	C
Thomas B. Faircloth	Army	C
John Gosnell	Army	Inspection
Harry I. Hartman	Army	Design
Loyd Noss	Navy	C
Lynn Sterner	Army	Pattern
Ralph K. Trimmer	Army	Pattern
Martin Weaver	Navy	C
William Whare	Army	Weld

DIED

Because of Wounds or Disease, or Killed in Action

James F. Small
Harry Withers
John Withers
Sherman Leifer
C. C. Sloncker
Norman Shaffer
Charles L. Stump

V ◇ ◇ ◇ — MAIL

Warrenton, Va., August 8

I am sorry I did not write to you sooner and thank you for the V note I received from you when I was home on my furlough. The only reason I did not write was that I did not expect to be here this long. They told us when we went on our furlough that we would be shipped in a few days to a P.O.E., but we are still here and it looks as though we will be here at least till the end of this month before we are shipped.

I received your last issue of Turbine Topics and I think it was one of the best issues so far. It seems as though each issue is a little bit better than the last one. So keep up the good work and you sure will have one swell magazine. *Sincerely yours,*

PVT. JOHN E. SHAFFER.

El Reno, Okla., July 21

Received the "V" note and many thanks. Sure comes in handy as deductions here are really terrific. Many thanks to you and the men responsible for "V" notes.

Sincerely,

NORMAN VanHORN.

Fort Logan, Colo., July 29

Received your V note and also the magazine. It sure was swell to read what all of you are doing to help win this war and when this mess is over half the credit will go to shops like S. M. S. I see that you purchased a mail truck. Boy, that is swell. I am going to A. S. T. school here and I like it very much, even though it is tough. We go to school from six in the morning till 8:20 at night, and boy, we hardly get enough time to answer our mail. Besides our school work we are taking overseas training and it sure is tough, but a lot of fun. I am learning to type, which I wanted to do for a long time. I want to thank you all for the V notes and also the magazine, because I really do appreciate them. Give everyone my regards and keep up the good work. I am hoping to see you all in a couple of months and I hope I am not disappointed. *Best of luck,*

BOB SPONSLER.

Camp Edwards, Mass., July 29

I had a little time tonight so I thought I'd write. We just got back from Wellfleet, the firing range for the 90 mm's from Camp Edwards. We were gone a whole week and had to sleep in tents. All in all it wasn't bad. I received the July issue of Turbine Topics and thought it was an excellent issue. I hope to see the new building in the near future as I expect my furlough next month. I showed the book to some of the other fellows from York and we all agree on one point—the book and its pictures of female workers is an excellent morale builder. Just to see those pictures of the men and women I used to work with made me feel good. You can bet I'll be around to see Charlie Firestone, Sam, and all the other guys on Floor 3 & 4. I can see by the pictures that you have hired a lot of new women since I left. I was home twice since I'm up here but I never had time to stop around as they were only week-end passes. I also received my V note and was sure glad to get it. It really saved me. Right now it's keeping me in cigarettes until payday. Well, it's kind of late and the lights are already out, so I guess I'll close for now. In closing let me wish both the company and the magazine luck in the future. Also keep up the good work. It makes us fellows in here feel good to know we are being backed up by people and concerns like you. So long for now and hope I see you in the near future. *A former employee,*

PVT. AUSTIN BORING.

Liberal, Kan., August 9

Just a line to tell you all is well and I wish to thank all the fellows for the V notes. I have been receiving the paper regularly and was delightfully surprised at the make-up of it. Reading it seems to take one right back home and into the plant, mingling with the old gang.

Well, again I have a change of address. Instead of returning to San Marcos, Texas, as we had been expecting, we found ourselves on Pullmans and heading north. When we arrived at our destination, it was a B-24 base in Kansas. A small field but one of the nicest I've seen since I'm in the service.

Haven't much to say about the field as I haven't started working yet. We report on the line tomorrow at 3 p.m. From what I can gather we work eight-hour shifts which rotate every two weeks.

As ever, *KENNETH REEVER.*

Keesler Field, Miss., August 17

Received the $5 V note and was sure glad to get it. Seeing that payday is about twelve days away, it will sure come in useful.

Well, I am now going to school. I start at six in the evening, and finish at one in the morning. I will have to go for 112 days. Since tonight makes the twelfth night, I only have 100 more to go.

This Aircraft Mechanic School is somewhat along the type of work I was doing back in the shop. So, it makes it a little easier for me than it is for some of the other fellows who maybe have never seen a wrench before. I think it will be an interesting and beneficial course, because it deals mainly with the engine and structure of the planes.

Since it is almost time to get ready to go to school, I will have to close for now. *Sincerely,*

JOHN McSHERRY.

Miami Beach, Fla., August 8

I want to thank you and all the boys in the shop for the V notes, shop magazine and an enjoyable visit through the shop. Please send my mail to my new address, because I will be out of the states soon. *Yours truly,*

CPL. SPURGEON CRONE.

Cambridge, Ohio, July 22

The Army certainly shifts a man around a lot; since I've been out here I've had four different jobs. The first was on the hospital newspaper, the second was called Special Service which deals with the recreational activities and morale of the soldiers. From here I was called to work in the Personnel office. Next I was told to report for work in the Psychiatric wards.

The poor fellows down in this section are suffering from shell-shock, nervous breakdowns and various types of in-

V ◇ ◇ ◇ — MAIL

sanity. The work is instructive and has elements of adventure where dangerous patients are involved.

Yesterday I was told they had slated me for work in occupational therapy. Here I'm to teach the fellows painting, modeling and gardening, etc. . . . Some fun! I hope they let me stay here.

I want to express my deep appreciation for the money orders you have sent me, as well as the shop magazine which helps to relieve my homesickness.

Sincerely, ED KRAUS.

Camp Edwards, Mass., July 20

I received your money order last week, but I have been so darn busy that I haven't had time to write and thank you for it before now. Thanks a lot! I have been home three times over week-ends since being in the Army. I am hoping to get a furlough soon so I can visit you and all the gang for a while. I certainly would like to be working at S. Morgan Smith Co. now, but since I am not I guess I'll just hope that I can very soon again.

I want to thank you again for the 5 "smackers" before I close. I certainly appreciate them.

So long,
BOB KRESSLER.

Washington, D. C., July 24

Received the company newspaper today and sure was glad to see some of the old faces. I am getting along fine except for a good coat of sunburn which is not feeling so good. The nights here are so cold we have to cover up with blankets. Tell Sam Stump to take his chin off his chest. They would down here. Looking forward to the paper every month. Say hello to the gang for me.

Yours truly,
PVT. STEWART F. RAUHAUSER.

Sampson, N. Y., July 16

I received the money order today. I sure appreciate it and I know all the rest of the boys do too. John Boeckel is still here with me in H unit. He is in Signalman School. Thanking you again for your courtesy,

I remain, MAX.

Camp Shelby, Miss., July 25

The "Victory Fund" committee certainly knew their stuff when they decided to send that good old "V note" just before pay day. If it helps all of the boys like it helps me it must be welcome everywhere. We all appreciate it, I know.

As you can see I have been transferred to the South from Camp Adair, Ore. The old camp is newer and consequently has more conveniences for the soldier. However, this camp is about two thousand miles nearer to home which gives me some advantage when and if I get a furlough.

A certain person working at Smith's has informed me of your latest edition of "Turbine Topics." I haven't received it as yet, but it should be here any day and I'm looking forward to reading about the latest improvements and also about the latest antics of some of the Smith personnel.

In your last edition there was an article about the "Wind Turbine" which was exceedingly interesting and should prove a success. However, that is not the first of various methods used in trying to harness the wind. There are various types of "wind-chargers" used to re-charge farm light batteries that have been found practical and are in use in York and York county. As a matter of fact, I have sold a few of these wind-chargers myself while working for a battery manufacturer. Of course, there is a different principle involved.

Wishing you continued success, I remain,

Sincerely yours,
FRANK W. KINLEY.

U. S. Navy, July 28

Received the money order for May and was very glad it came when it did because there were a few things that came up sort of sudden.

As you already know I am overseas, and I am not too happy about it, but then there is a job to do and it can't be done sitting back in the states.

I also received the shop booklet and in it I saw the victory club percentage. You can tell the boys for me that all this they are doing shall never be forgotten by all the men in the service.

A gob,
"JACKSON."

North Africa, July 15

I don't know who should get all the credit for my receiving your book and the money order every month but I want to thank each and every one who helps to support this. It means so much to know people at home haven't forgotten you after you are gone so long and so far away. It gets very lonely over here at times, all your friends being home, but as far as the Army is concerned, they treat us all swell. We meet a lot of swell men traveling around to these different places. I have visited Casablanca, Oran, Tunis, Algiers and several other places which I cannot mention. Some of them are very nice but there is no place like home. In closing I want to thank you all again and also wish you the best of luck because a lot of you are doing more to help the war than we are. Say hello to the boys and girls for me.

Yours truly,
S/SGT. ROBERT ADREON.

A. P. O. San Francisco, August 7

Just a line to let you know I am still alive and enjoying life. As you know, I have a combat crew of six men and the paper work is really heavy. I hope to have time to write a longer letter later on. There's plenty of water around here and I often wish the old airplane had floats. Tell anyone who wants to to write.

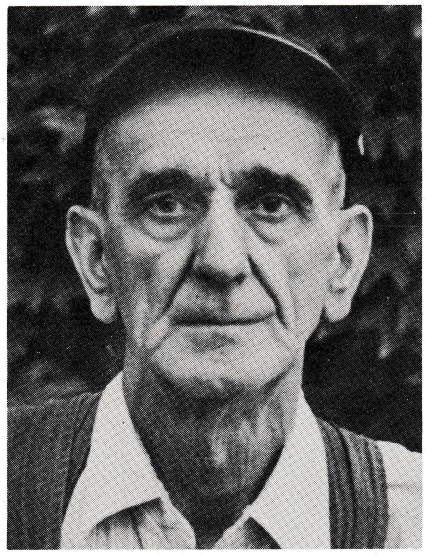
Always,
BOB MEISENHELTER.

Sampson, N. Y., August 29

Received my $5 and it really came in handy. I just cashed it yesterday and expect a week-end liberty so it'll be put to good use. I also received my copy of "Turbine Topics" which I read every month. It keeps you up to date with what's cooking. Thanks again.

As always,
BOB BOECKEL.

EMPLOYEE BIOGRAPHIES



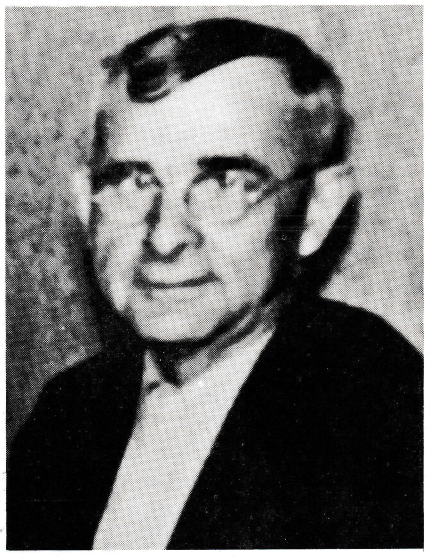
GEORGE W. AXE

In 1890, when he was sixteen years old, Pete was employed as an apprentice machinist by the A. B. Farquhar Company. He completed his apprenticeship there and stayed with that company until 1898. Then he was employed by our company, and began working on Erecting Floor 1. He has been in this department for all of the 45 years he has served with the company.

Pete was born on February 3, 1874, here in York. He has probably beaten all of the "Old-Timers" in the family department—Pete has a family of eleven children.

His fellow employees on Floor 1 report that Pete has the good habit of visiting the park with his pet dog several evenings a week and mingling with his friends. They also report that at one time he thought he had discovered perpetual motion. How about it, Pete?

Floor 1 seems to be the department which has earned the honor of being called the one which has produced more of the older "Old-Timers" than any other. First it was "Mack" McIlvain, foreman, with 47 years of service; then "Henny" Reisinger, 45 years; and now Pete.



ABRAHAM S. CRULL

Abe Crull was born on October 8, 1873, at Newberrytown, Pa., and his early life was spent on a fruit farm nearby. His father also owned a grist mill driven by a water wheel and that may have led to his eventual employment here. When he was 22 years old, he came to York to learn the machinist and pipe fitter trade. After serving his time at Motter's, he came to Smith's in 1898, where he ran a drill press and sometimes worked on the erecting floor. In those days Floor 1 and Dept. B were both under one foreman, but by 1910, the job had become too much for one man and the departments were separated, Abe being made foreman of Dept. B.

Abe administered a very able supervision of this department for the next twenty years. During this period, the department started its practice of having an outing together every summer. Abe claims he could eat more chicken corn soup and ice cream than anyone and still can. Since 1930, he has worked in several departments including the laboratory, governor dept., Floor 1, and plumbing dept., where he has been for the past few years.

PAUL M. SMITH

The best rivet-heater and thrower in the shop! That's Paul. He was even hired by the American Bridge Company to heat and throw 'em when the new erection floor was being built.

Smittie was born on November 3, 1904, in Waynesboro. He began working here on January 3, 1935, and worked in various storerooms until February of this year when he became a stockkeeper helper in the Plate Shop.

He certainly knows how to do a variety of jobs, because at one time he repaired engines in a roundhouse, and now besides his regular job and rivet-throwing, he is a farmer "on the side" like most of us.

Everyone knows "Paul Jr.," the oldest of Paul's family of three girls and two boys. He was in the shop office until last May. Since then he has been Pvt. Paul Smith, Jr. of the Army Air Corps. (As this was going to press, he received a Pfc. rating. Congratulations.)

Smittie is the new reporter in the Plate Shop. Even though this was his first month, he has reached some of the "old-timer" reporters' records for handing in news.

BOWLING ACTIVITIES

As an outgrowth of the summer mixed bowling league two men's teams have been organized that will be entered in city tournaments this winter. These two teams are being sponsored by Beauchamp E. Smith, company president, and Burwell B. Smith, company vice-president.

The "Turbines," the team which will enter the Industrial league and play every Wednesday night beginning September 8 at 7 P. M., is composed of Dick Wolf, apprentice machinist; Harvey Trone, Dept. C; Dick Trimmer, Plate Shop; Millard Deardorff, Dept. B; Bob Flohr, Dept. B; and George Bell, Dept. C. The "Valves," who will bowl every Thursday beginning Sept. 2 at 7 P. M. in the Century league, are Harold Miller, Stores and Receiving; Donald Hartman, apprentice machinist; Bill Messersmith, Dept. C; George Rodgers, Dept. C; Vernon Hoke, Dept. B; and Martin Weaver, Dept. C.

The bowlers are itching to wear the shirts their sponsors have just gotten for them—white Arrow shirts with "S. Morgan Smith Valves" or "S. Morgan Smith Turbines" in maroon letters across the back. With shirts like that, you should go places in the league competition, boys.

* * *

Another bowling season has rolled around. This 1943-1944 season opens with the S.M.S. employees playing their first duck pin games Friday evening, September 10.

One hundred and thirty-five men have signed up to roll for their respective departments and to vie with each other with strikes and spares.

The officers of this season's league are as follows: Charles Spence, Design Dept., president; Charles Firestone, Purchasing Dept., vice-president; Edward Rohrbaugh, expediter, secretary; Donald Thompson, Navy router, asst. secretary; and Earl Meisenhelder, Time Study, treasurer.

Listed below are the teams and their respective captains:

Team	Captain
Weld Shop	W. Washer
Design	H. Lehr
Plate Shop	R. Trimmer
Navy Dept. 2	R. Sell
Store Room	H. Miller
Dept. B-2	G. Hazelhurst
Navy Dept. 1	M. Str'sb'gh
Dept. C	H. Trone
Dept. B-1	E. Frigm
Main Office	R. Rawhouser
Floor 1	J. Andrews
Elec. & Tool	R. Wolf
Shop Office 1	D. Thomp'n
Gen. Factory	C. Firestone
Dept. A	V. Snell
Shop Office 2	E. Stokes

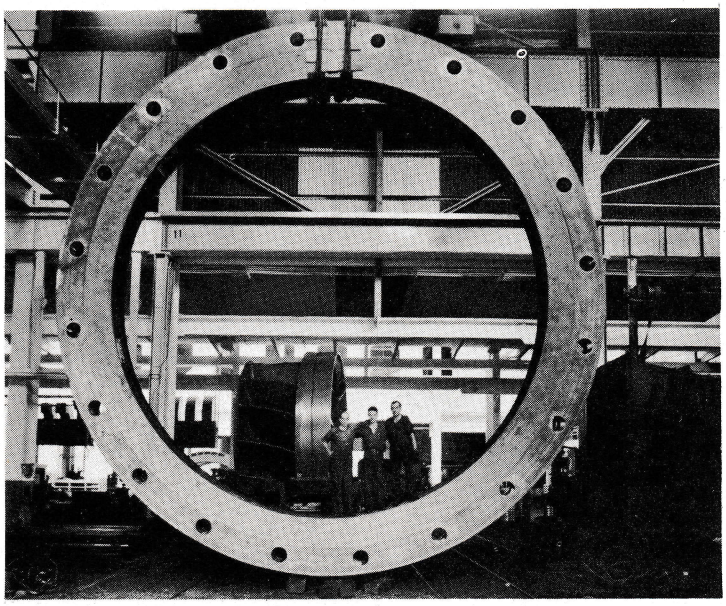
The season will be divided into two halves of fifteen nights each. The first half will end the Friday previous to Christmas eve. There will be no games scheduled on Christmas or New Year's eves. The second half will start January 7, and end April 15, 1944.

If you wish to join in on this recreation, contact any of the above officers and they will be glad to place you on one of the above teams. Or if you don't care to play, come down to the Central alleys any Friday evening and root for your favorite team. They'll guarantee you a lively evening—for there's never a dull moment.

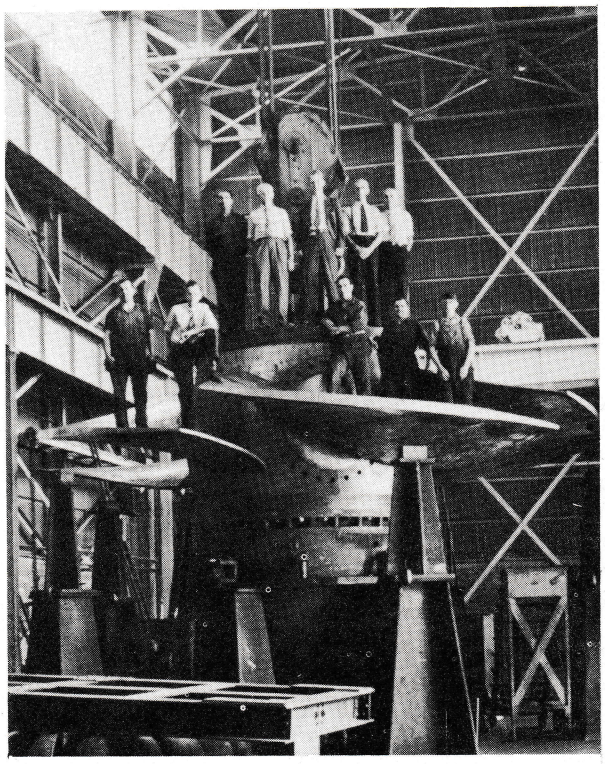
Remember the night last April when an explosion occurred on the bowling alley and made you miss that strike? It was only the "Damn Roving Cameraman" taking these pictures. However, the pictures indicate that most of you were taking the game very seriously.

. . . . . THE ROVING

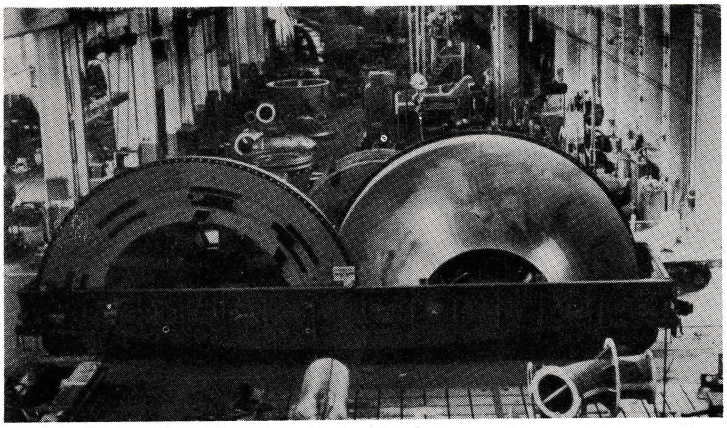
With this page we say good-bye to the tenth and last unit we have built for Bonneville. Good old order number 60161 has been with us ever since 1940, and how we wish we had another one just like it! Ever since 1934 there has been a Bonneville order in the plant. That year we started two units; in 1938 we received an order for two more units; in 1939 another two; and in 1940 the present order for four units. These were all 280″ diameter Smith-Kaplan turbines rated at 74,000 HP each at 75 R.P.M. and 60′ head.



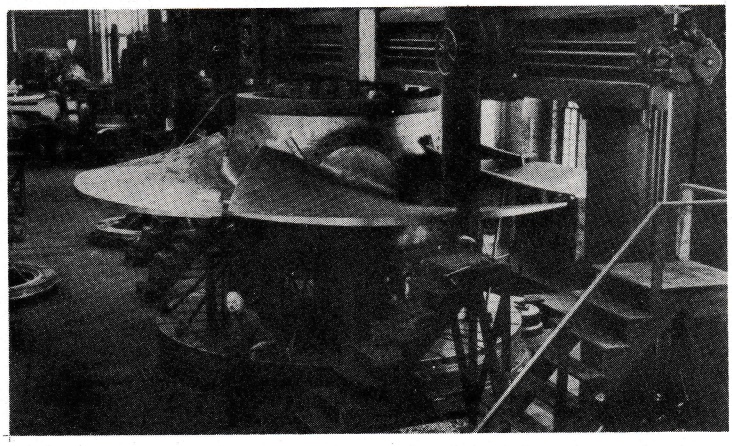
THE RIGGERS turning the outer top plate which has an outside diameter of 30′-8½″ and weighs 95,000 lbs. Beyond it is the T.V.A. Douglas Dam runner on the well car.



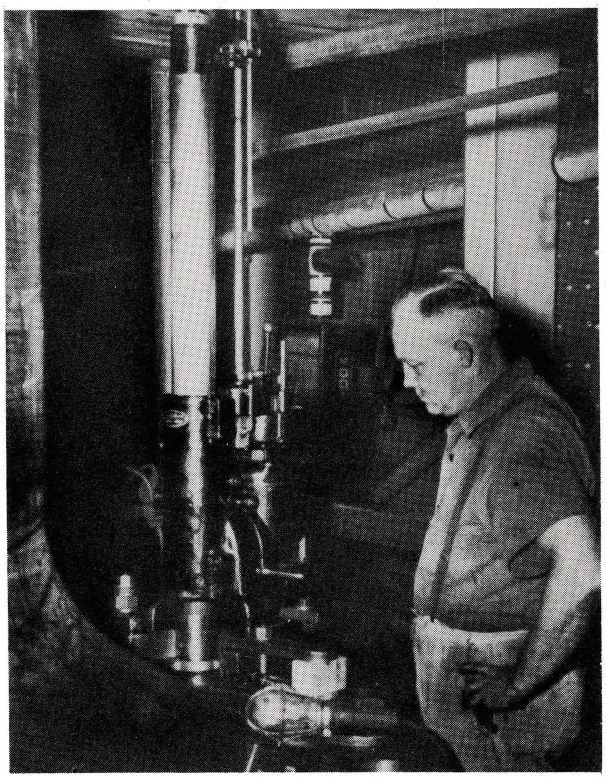
RUNNER AND DEFLECTOR ASSEMBLY suspended from 150 ton crane for static balancing test.



INNER TOP PLATE in halves ready for shipment. Outside diameter 24′-4½″, weight 105,000 lbs.



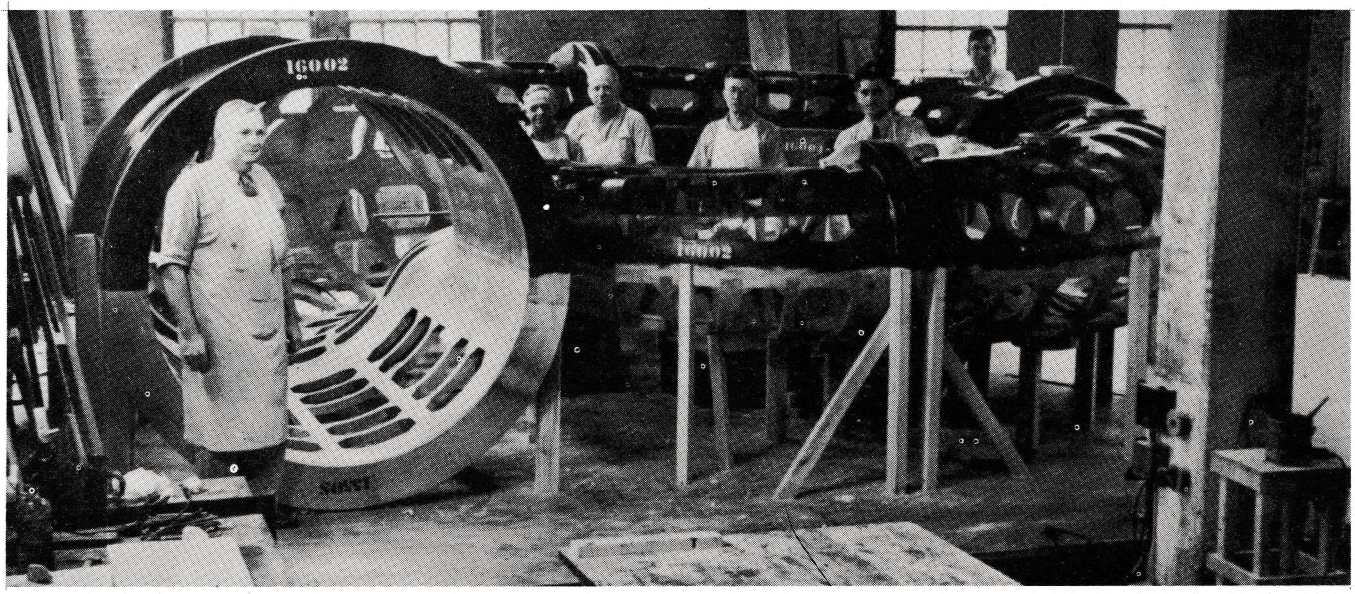
280″ DIAMETER SMITH-KAPLAN RUNNER being finish machined on the periphery at zero blade angle.

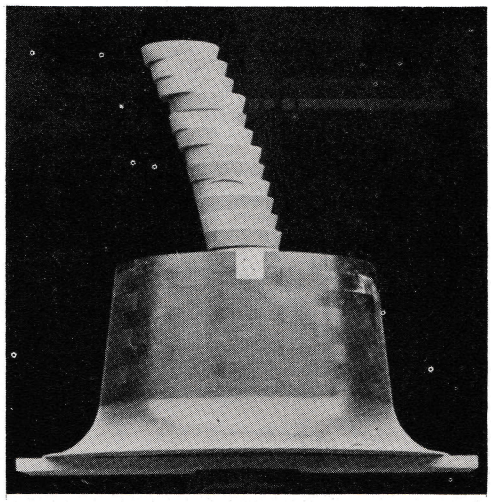


REAMING COUPLING BOLT HOLES on main shaft coupling flange.

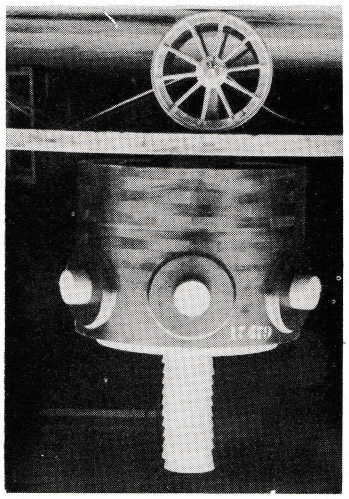
CAMERAMAN . . . . .

THE PATTERN SHOWN BELOW is for a cast steel scroll case with 5′0″ diameter inlet. All the men shown in the picture worked on the pattern as well as a few others who were on their vacations on July 6 when the picture was made. Just a few days later the pattern was shipped to General Steel Castings Company, Philadelphia, Pa. Other pictures of earlier stages in its construction have appeared in previous issues. The order for which this pattern was built was received from W. R. Grace and Co. for the Corporacion de Fomento of Santiago, Chile, S.A., for its Abanico plant. There will be two units with 77″ type E2 runners, each rated at 26,900 HP, 462.5′ head, 375 R.P.M.



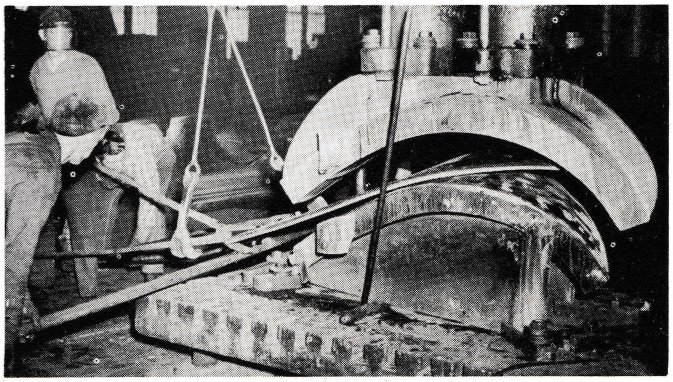


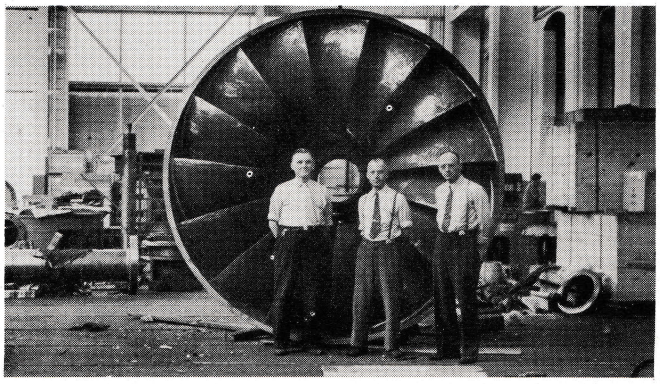
NO, GIRLS, the Pattern Shop does not make hats! This is a pattern for the suction bell of a pump.



YES, this is a new secret weapon. See if you can figure out how it works.

ANOTHER FUNERAL? No, it's just the bottom former pattern for the 86″ type Q runner being put in storage by the yard gang.





THE TWO VIEWS ABOVE show the 86″ Q runner buckets being formed and the finished runner. In the near future "Turbine Topics" will feature a complete picture story of the manufacture of this welded steel runner from Design to Shipping.

PRODUCTION NEWS

A son was born to Mr. and Mrs. Spurgeon Hake on August 4. Spurgeon Jr. weighed six pounds. Our congratulations to Spurgeon Sr., Pattern Shop.

It's a boy for Mr. and Mrs. George Grove! Born at the West Side Sanitarium on Friday morning, August 5, named Tiffany Jay, and weighed seven and one half pounds. This was also George's birthday and —was he proud! "Stogies" were seen all over the shop. George works in the Grinder Room.

Another dark-haired, blue-eyed boy has arrived. This one was Donald Myers Sheaffer. Donald was born on August 17 at 3:30 P. M., and weighed 8½ pounds. Congratulations to Clarence Sheaffer, Maintenance Dept., who was mighty liberal with his cigars.

A 6¼ pound baby girl, Betsy Ann, was the main reason that S/Sgt. Eugene Baker was seen around the shop on August 28. Betsy Ann was born on August 19, and her father's request for a furlough to come home to see her and his wife was fulfilled. Eugene, who used to work in the Stores and Receiving Dept., and his wife have our congratulations, and Betsy Ann, our thanks for giving us a chance to see Eugene again.

The originator of "Bet'cha Doubt It" is a father! Mr. and Mrs. Rodney Bond became the parents of a daughter, Cheryl Eileen, on Thursday, August 19. She was born at the York Hospital and weighed 7 pounds and 11 ounces. And there's no doubt about it, Rodney—we congratulate you and the missus. Rodney works in the Production Office.

The stork was working overtime when he brought Martin L. Beaverson, II, at 1:40 Monday morning, August 30. In fact, he hardly gave a proud father, who works in Dept. C, time enough to run to the cigar store for a box of "Tiffanies" before the 7 o'clock whistle blew. Martin, II, was a little fellow, weighing just 6 pounds, 13¾ ounces, but we send a big congratulation to his parents.

Congratulations to Mr. and Mrs. Theodore Hake, who are the parents of a son, weighing 9 pounds and 14 ounces, born on August 30 at the York Hospital. Theodore Lowell was born on Mrs. Hake's birthday. Ted works in the Tool Room gallery.

Remember Gladys and Kenny Heindel? Now they're the parents of Craig Richard Heindel, who was born on August 30, at 8 P. M., and weighed 8 pounds, 13¾ ounces. To Kenny, formerly of Dept. C, who is now a Navy musician 2/c stationed in Alaska, and Gladys, a former clerk in Dept. A, go our congratulations. Craig with his blue eyes, brown hair and rosy cheeks is the perfect image of his proud father.

* * *

Have you joined the athletic association yet? The initial meeting of the group was held on August 30 at 7:30 P. M. above the Shop Office. Burwell B. Smith, company vice-president, led the discussion about organization plans and means of financing such an association. The company is going to support the organization to the extent that it will match, dollar for dollar, the fund that the group accumulates through dues and initiation fees. This fund will support the various teams that will be organized. Temporary committees were appointed: constitution and by-laws, Marion Long, Dept. B inspector; Louise Auman, Floor 1 clerk; and Vernon Snell, Dept. A Time Study; and nominating, Martha Bender, Cost Dept.; George Bell, Dept. C; and George Myers, Dept B. All of the 25 persons who attended the first meeting agreed to canvass the shop for new members. As soon as the two hundred mark in membership is reached, all the plans for a rifle range, a girls' basketball team, a mushball team, etc., will start to materialize. Have you joined yet?

ANSWER TO LAST MONTH'S PROBLEM

From statements 3 and 5, it is apparent that Mr. Jones is not the brakeman's nearest neighbor since $2,000 is not *exactly* divisible by three.

From 1, 2, and 6, it is apparent that Mr. Robinson is not the brakeman's *nearest* neighbor.

Apparently, the brakeman's nearest neighbor is Mr. Smith.

From 4 it is apparent that Smith is either the brakeman or the engineer.

From 6, 1 and C, it is apparent that Mr. Jones lives in Chicago and that the brakeman's name is Jones.

From D and E, it is apparent that SMITH IS THE ENGINEER.

LOST TIME ACCIDENTS

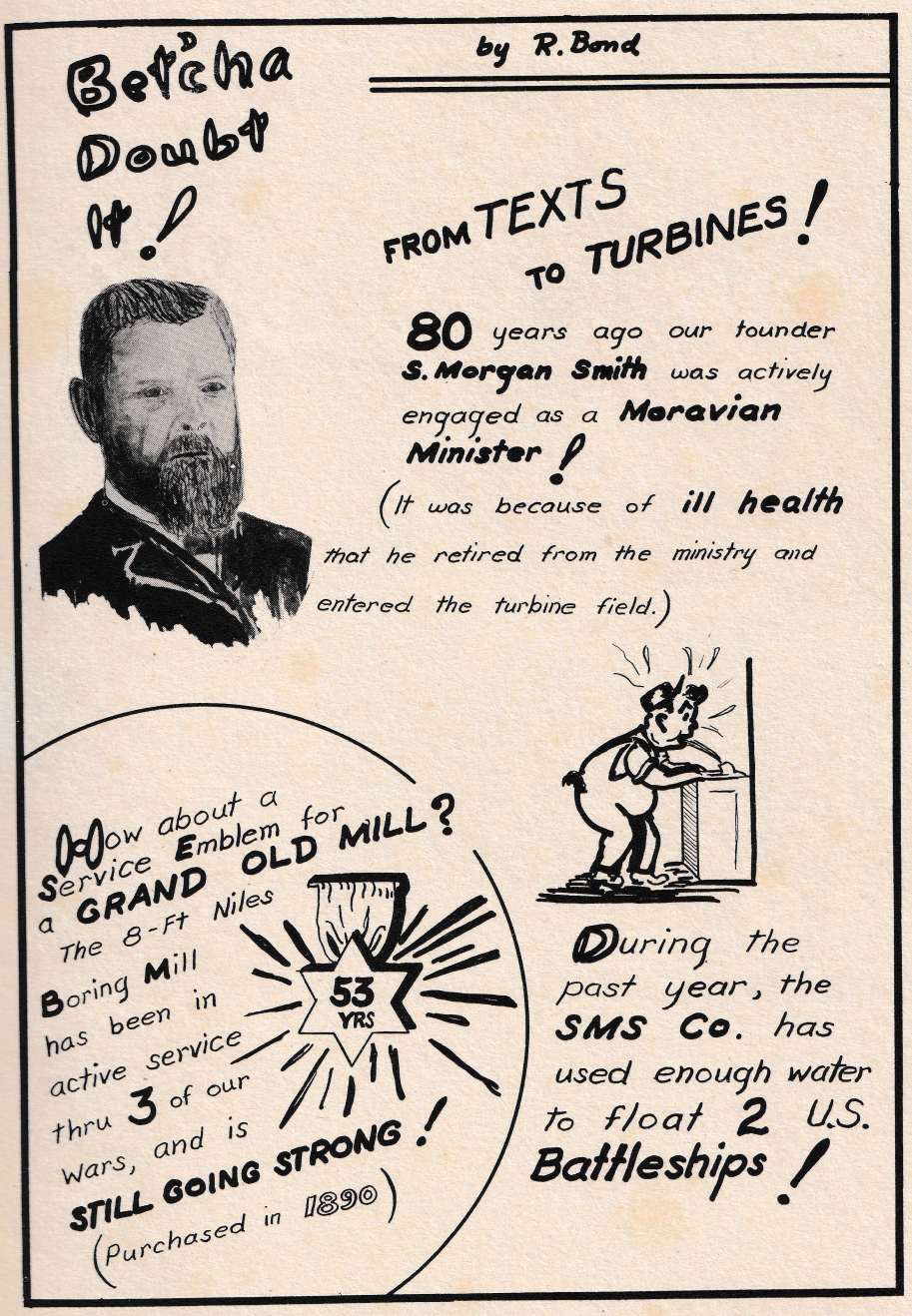
Dept.	1-1-42 to 9-1-42	1-1-43 to 9-1-43
Pattern Shop	0	0
Plate Steel	1	3
Weld Shop	0	2
Drill Press	2	4
Boring Mill	2	1
Lathe	0	5
Assembly Floor 1	1	4
Assembly Floor 3 & 4	0	0
Navy Assembly	0	1
Tool Room	0	2
Shipping	0	1
Stores, Receiving	0	0
General Factory	1	0
Entire Plant	7	23

WELCOME! NEW EMPLOYEES

Albert Gallatin, Floor 3 & 4; Dorothy Berkheimer, Navy, Main Office; Catherine Gotwalt, clerk, Project Engineering Office; Earl Lehman, Guard; Russell Brubaker, Guard; Helen Edman, clerk Floor 3 & 4; Bernice Sechrist, Navy, Main Office; Howard Anderson, Guard.

SEPTEMBER BIRTHDAY GREETINGS

1—Floyd Deardorff, Pattern Shop.
2—John Duttera, Traffic Dept.
3—Edgar Kinley, A; and P. J. Rees, Plant Superintendent.
4—Harry Boyer, B; Wilbur Gross, Tool Room; and William Tighe, Plate Shop.
5—Spurgeon Decker, Asst. Foreman C; Kenneth Heindel, Musc. 2/c; Anthony Hoffman, Jr., Plate Shop; and Reuben Rauhauser, Design Dept.
6—Ervin Frigm, B; Gurney Harbaugh, Tool Room; David Lehr, erector; Luther Nell, boiler room; Charles Peterman, Floor 1; Lester Rentzel, C; Pfc. Harold Strayer; and William Whare, Weld Shop.
7—William Enterline, A; and William Lowder, C.
8—Martin L. Beaverson, C; H. M. Seitz, Main Office; and Lester Spangler, Plate Shop.
9—Margrete Larson, nurse; James Naylor, Tool Room; and Roy Ruppert, Floor 3 & 4.
10—Donald M. Andrews, erector; Edward Prince, Shop Office; and Ed Rohrbaugh, expediter.
11—Oscar Weber, Supervisor Contract Service Dept.
12—Esther Busler, Cost Dept.; Curvin Ness, Time Study; George Philips, Weld; Henry Reisinger, Floor 1; and Pfc. Donald Snyder.
13—Claude Breneman, Navy Assembly.
14—Edwin Beck, Floor 1; and Richard Myers, Weld Shop.
15—Edgar Bywaters, Navy Assembly.
16—Robert Becker, Weld Shop; and William Doll, Store Room.
17—Charles Berkheimer, C; Charles Haker, Floor 1; and Pvt. Lewis Lightner.
18—Charles P. Firestone, Main Office; and Harry Luckenbaugh, Plate Shop.
19—James Lloyd, B; Mary Shaffer, Time Study; and Richard Smith, Production Office.
20—Harry Fitzkee, C.
21—Charles Younker, lab.
22—Clyde Gross, Pattern Shop.
23—Pfc. Calvin Rudacille; and David Wire, Shipping gang.
24—Elmer Aughenbaugh, Chief Inspector; Charles A. Shettle, stock gallery; and Esther Williams, Contract Service Dept.
26—Maurice Potts, Weld Shop; and Roland Shaffer, plumber.
27—Jessie Moul, Shipping gang.
28—Dale Stouch, Supervisor Production Office.
30—Helen Edman, Floor 3 & 4 clerk; and Charles Myers, Plate Shop.



ATTACK ATTACK ATTACK
BUY WAR BONDS